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| FORM PTO-1390<br>(REV 11-98)  |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |  | ATTORNEY'S DOCKET NUMBER  |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371  |  |   |  | 22994 PCT/US  |
| INTERNATIONAL APPLICATION NO.<br>PCT/EP99/04730   |  | INTERNATIONAL FILING DATE<br>July 6, 1999               |  | U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>09/763319</b> |
| TITLE OF INVENTION<br>LATENT HEAT BODY WITH PORE STRUCTURE AND METHOD FOR THE PRODUCTION THEREOF  |  |   |  | PRIORITY DATE CLAIMED EARLIEST<br>August 20, 1998                   |
| APPLICANT(S) FOR DO/EO/US<br>Klaus Fieback et al  |  |   |  |   |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). (PCT/IPEA/40)</p> <p>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. PCT/IB/308</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). (52 pages)</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input type="checkbox"/> have been transmitted by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> unsigned<br/>An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (3 pages)</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11. to 16. below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, 2 PTO-1449 and copy (EPO) International Search Report 4 pages in English and 1 reference enclosed.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment*Enter preliminary amendment before calculating claim fees<br/><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <u>DO NOT ENTER ANY ANNEXES</u></p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information: WO 00/11424</p> <p>17. <input checked="" type="checkbox"/> PCT/IPA/401</p> <p>18. <input checked="" type="checkbox"/> PCT/IB/308</p> <p>19. <input checked="" type="checkbox"/> CLAIM IS HEREBY MADE OF THE BENEFIT OF THE FILING DATES OF GERMAN PATENT APPLICATIONS 198 37 730.4 FILED AUGUST 20, 1998 and 198 58 794.5 FILED DECEMBER 18, 1998 UNDER 35 USC 119</p> <p>20. <input checked="" type="checkbox"/> EXPRESS MAIL MAILING LABEL NO. EJ450233746US DEPOSITED FEBRUARY 16, 2001</p> |  |   |  |   |

| U.S. APPLICATION NO. (If known, see 37 CFR 1.51)<br><b>097763319</b>   | INTERNATIONAL APPLICATION NO.<br>PCT/EP99/04730 | ATTORNEY'S DOCKET NUMBER<br>22994 PCT/US   |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
|--|---|--|--------------|--------------|------|--------------|-----------|----|-----------|--------------------|---------|---|----------|---|--|--|------------|--------------------------------------|--|------------|----|
| <p>17. <input type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5) ):</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$970.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$860.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$760.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$670.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$96.00</p> |   | <b>CALCULATIONS PTO USE ONLY</b>           |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>  |   | \$ 860.00                                  |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>   |   | \$   |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>64 - 20 =</td> <td>44</td> <td>X \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>4 - 3 =</td> <td>1</td> <td>X \$8.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable) *</td> <td></td> <td>+ \$260.00</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td style="text-align: right;">\$ 1732.00</td> </tr> </tbody> </table>  |   | CLAIMS                                     | NUMBER FILED | NUMBER EXTRA | RATE | Total claims | 64 - 20 = | 44 | X \$18.00 | Independent claims | 4 - 3 = | 1 | X \$8.00 | MULTIPLE DEPENDENT CLAIM(S) (if applicable) * |  |  | + \$260.00 | <b>TOTAL OF ABOVE CALCULATIONS =</b> |  | \$ 1732.00 | \$ |
| CLAIMS   | NUMBER FILED                                    | NUMBER EXTRA                               | RATE         |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| Total claims   | 64 - 20 =                                       | 44   | X \$18.00    |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| Independent claims   | 4 - 3 =   | 1  | X \$8.00     |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) *  |   |  | + \$260.00   |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |   | \$ 1732.00                                 |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <p>Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).</p>  |   | \$   |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <b>SUBTOTAL =</b>  |   | \$ 1732.00                                 |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <p>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>  |   | \$   |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <b>TOTAL NATIONAL FEE =</b>  |   | \$ 1732.00                                 |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</p>  |   | \$   |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <b>TOTAL FEES ENCLOSED =</b>   |   | \$ 1732.00                                 |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
|  |   | Amount to be:<br>refunded \$<br>charged \$ |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 1732.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-0105</u>. A duplicate copy of this sheet is enclosed.</p>   |   |  |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>* Enter Preliminary Amendment before calculating claim fees.</p>  |   |  |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <p>SEND ALL CORRESPONDENCE TO:<br/>MARTIN A. FARBER<br/>866 United Nations Plaza<br/>Suite 473<br/>New York, N.Y. 10017<br/>Tel (212) 758-2878<br/>Fax (212) 758-2913</p>  |   |  |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |
| <p>SIGNATURE: </p> <p>NAME Martin A. Farber</p> <p>REGISTRATION NUMBER<br/>22,345</p>   |   |  |              |              |      |              |           |    |           |                    |         |   |          |   |  |  |            |                                      |  |            |    |

*patent application serial no.*

*Department of Commerce  
Patent and Trademark Office  
fee record*

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|-----------|--------|----|
| 01 FC:970 | 860.00 | OP |
| 02 FC:966 | 792.00 | OP |
| 03 FC:964 | 80.00  | OP |